

## ZOOLOGICAL SPECIMENS ON THE GALLERIES

### 1 GIANT CLAM

#### EVOLUTION DISPLAY

Fossil Record - horse leg bones

Evolution -

8 Rainbow Lory *Trichoglossus haematodus*  
1 Ornate Lorikeet *Trichoglossus ornatus*  
1 Scaly-breasted Lory *Trichoglossus chlorolepidotus*

Natural selection - 1 male Redstart, 9 Peppered moths.

Artificial Selection - 5 Dog skulls

Sources of variation - 2 Rabbits

Variation -

33 Banded Snails *Cepaea nemoralis*  
10 Peacock Butterflies *Inachis io*

### HARENA FOREST

Reed Frog *Afrixalus enseticola*

Frog Nov. species.

Narrow-headed Rat *Stenocephalemys griseicauda* 1 skin

Grey Long-eared Bat *Plecotus austriacus* 1 skin

Fish *Barbarus sp.* 2 spirit

Abyssinian Crimson-wing *Cryptospiza salvadorii* 1 skin

### TIME TUNNEL

1 modern Alligator egg

### CONIFEROUS FOREST

#### SURVIVAL IN WINTER

Wood Lemming *Myopus schisticolor* 1 mount.

Siberian Chipmunk *Tasmias sibiricus* 1 mount

Roe Deer coat (winter and summer) *Capreolus capreolus* 2 skins

Common Crossbill *Loxia curvirostra* 2 skins (M/F)

Parrot Crossbill *L.pytyopsittacus* 1 skin (M)

White-winged Crossbill *L.leucoptera* 1 skin (M)

### INSECTS

Wood White	2	
Camberwell Beauty	2	
Small Copper	2	
Silver-washed Fritillary	2	(1 valesina female)
Apollo	2	
High Brown Fritillary	2	
Small Pearl-bordered Fritillary	2	
Speckled Wood	2	
Large Tortoiseshell	1	
Chequered Skipper	1	
Purple Emperor	1	
Nun Moth <i>Lymantria monacha</i>	2	+ 1 caterpillar
Bordered White <i>Bupalis piniaria</i>	2	(M & F)

Tawny-barred Angle	<i>Semiothisa liturata</i>	2
Pine Beauty	<i>Panolis griseovariegata</i>	2
Pine Shoot Tortrix	<i>Evetria pinicolana</i>	2
Pine Hawk Moth	<i>Hyloicus pinastri</i>	2
Bark Beetle	<i>Hylurgus piniperda</i>	2 + galleries
Longhorn Beetle (Timberman ?)	<i>Rhagium bifasciatum</i>	3
Timberman	<i>Acanthcinus aedilis</i>	2
Eyed Ladybird	<i>Anatis ocellata</i>	2
7 spot Ladybird	<i>Coccinella 7-punctata</i>	3
Garden Chafer	<i>Phyllopertha horticola</i>	3
Small Wood Wasp	<i>Sirex juvenicus</i>	2
Greater Wood Wasp	<i>Urocerus gigas</i>	2
Wood Wasp	<i>Ichneumon Rhyssa persuasoria</i>	1
Tree Wasp	<i>Dolichovespula sylvestris</i>	1 + part of nest
Hornet	<i>Vespa crabro</i>	1 + part of nest
Wood Ant	<i>Formica rufa</i>	1 + few in nest

#### MOUNTED BIRDS AND MAMMALS

Grey Wolf	<i>Canis lupus</i>	Pine Marten	<i>Martes martes</i>
Otter	<i>Lutra lutra</i>	Roe Deer	<i>Capreolus capreolus</i>
Eurasian Flying Squirrel	<i>Pteromys volans</i>		
Red Squirrel	<i>Sciurus vulgaris</i>	Lynx	<i>Lynx lynx</i>
Common Shrew	<i>Sorex araneus</i>	Wood Lemming	<i>Myopus schisticolor</i>
Brown Bear	<i>Ursus arctos</i>		

Pair of Capercaillie	
2 male Sparrowhawk	Chaffinch
Jay	Greater Spotted Woodpecker
Black Grouse	Hawk Owl
Osprey	Chiffchaff
Nutcracker	Eurasian Eagle Owl
Goshawk	Black Woodpecker
Great Tit	Waxwing
Pair of Common Crossbill	
Song Thrush	Mistle Thrush
Goldcrest	Crested Tit
Long-tailed Tit	

Hornets Nest

Tree Wasp Nest

#### ARCTIC

##### The World of the Lemming

Gyr Falcon	1 mount
Snow Bunting	1 male skin
Lemming	1 mount
Animal Bones	5
Arctic insects	8

#### INSECTS

Freija's Fritillary	<i>Clossiana freija</i>	2
Arctic Fritillary	<i>Clossiana chariclea</i>	2

Moorland Clouded Yellow <i>Colias palaeno</i>	1
Northern Clouded Yellow <i>Colias hecla</i>	2
Pale Arctic Clouded Yellow <i>Colias nastes</i>	2
Arctic Ringlet <i>Erebia disa</i>	2
Small Tortoiseshell	2
Common Blue	2 (M & F)
Pearl-bordered Fritillary	2
Large Wall Brown <i>Lasiommata maera</i>	2
Cranberry Blue <i>Vacciniina optilete</i>	2
Dewy Ringlet <i>Erebia pandrose</i>	2
Purple-edged Copper <i>Palaeochrysophanus hippothoe</i>	2
Narrow-bordered Bee Moth <i>Hemaris tityus</i>	2
Four-spotted Libellula <i>Libellula quadrimaculata</i>	1
Mosquito <i>Anopheles claviger</i>	1

#### LIFE IN A COLD CLIMATE

1 female Eider (mount)  
 1 Red Grouse (mount)  
 1 Ptarmigan (winter plumage) (mount)  
 1 Pink-footed Goose (mount)

Ears of Arctic Hare (2) & European Hare (2)

#### THE TUNDRA

##### Mounted Birds

Red-necked Phalarope	Little Stint
Snow Bunting	Turnstone
Snowy Owl (F)	Golden Plover
Ptarmigan	Pink-footed Goose
Common Eider (male)	Great Skua
Glaucous Gull	Long-tailed Skua
Great Northern Diver (s.p.)	Red-breasted Goose
Long-tailed Duck (M)	

##### Mounted Mammals

Brown Lemming <i>Lemmus lemmus</i>	3
Reindeer	
Arctic Hare (winter)	Arctic Fox (winter)
Polar Bear	
Ringed Seal <i>Phoca hispida</i> (young)	

#### DESERT

Jack Rabbit *Lepus alleni*  
 Striped Skunk *Mephitis mephitis*  
 Coyote *Canis latrans*  
 Peccary *Tayassu tajacu*  
 Puma *Felis concolor*  
 Kangaroo Rat *Dipodomys spectabilis* 2  
 Kit Fox *Vulpes (macrotis) velox*

Great Horned Owl *Bubo virginianus*  
 Elf Owl *Micropallas whitneyi* 2

Diamondback Rattle Snake *Crotalus atrox*

## SURVIVAL IN THE DESERT

Ground Squirrel- *Citellus harrisi*  
Merriam's Kangaroo Rat - *Dipodomys merriami*

### DESERT BIRDS

Gila Woodpecker *Melanerpes uropygialis (hypopolius)*  
Golden-fronted Woodpecker *Melanerpes (Centurus) aurifrons*  
Yellow-shafted Flicker *Colaptes auratus* Male and female  
California Quail *Lophortyx californicus*  
Mourning Dove *Zenaidura macroura*  
Roadrunner *Geococcyx californica*  
Turkey Vulture *Cathartes aura*  
Cactus Wren *Campylorhynchus brunneicapillus*

### SPIDERS

Tarantula (female) *Aphonopelma sp.*  
Burrow of Trapdoor Spider  
Scorpion - *Centruroides sculpturatus* 2  
Scorpion - *Hadrurus arizonensis* 2

### SAVANNAH

Long-tailed Widow Bird *Euplectes progne* Male  
Paradise Whydah Bird *Vidua paradisaea* Male  
Black-collared Barbet *Lybius torquatus*  
Greater Blue-eared Glossy Starling *Lamprotornis chalybaeus*  
Red-backed Shrike *Lanius collurio*  
Fiscal Shrike *Lanius collaris*  
Lanner Falcon *Falco biarmicus*  
Knysna Turaco *Tauraco corythaix*  
Marabou Stork *Leptoptilos crumeniferus*  
Didric Cuckoo *Chrysococcyx caprius*  
Red Bishop Bird *Euplectes orix*  
Sacred Ibis *Threskiornis aethiopicus*  
Black-shouldered Kite *Elanus caeruleus*  
Black-headed Oriole *Oriolus larvatus*  
Paradise Flycatcher *T.viridis*  
Malachite Sunbird *N.famosa*  
Crowned Crown *B.pavonica* 2

Kirk's Dik-dik *Madoqua kirkii* 2  
Bush Pig or Red River Hog *Potamochoerus porcus*  
Impala *A.melampus* Male  
Spotted Hyaena *C.crocuta*  
Zebra *Equus sp.*  
Aardvark *Orycteropus afer*  
Serval *Felis serval*  
Brindled Gnu *C.taurinus*  
Olive Baboon *P. anubis*  
Blotched Genet *G.tigrina*  
Leopard *Panthera pardus*  
Red Duiker *C. natalensis*  
Patas or Red Monkey *E.patas*

Termite Hill *Macrotermes bellicosus*

Elephant jaw-bone and tooth *Loxodonta africana*

Snail *Limicolaria kambeul* 4

Giant Stick Insect *Palophus sp.*

#### SAVANNAH INSECTS

##### Beetles

*Anthia thoracica*

Goliath Beetle *Goliathus giganteus*

*Mylabris oculata*

*Phantasis phantoma*

##### Grasshoppers

*Phymateus viridipes*

*Pycnodictya gastrimargus*

*Anacridium vernellerum*

##### Hymenoptera

Ant *Camponotus fulvipilosus* 2

Wasp *Hemipepsis vespertilio*

Wasp *Spheg xanthocerus*

Bee *Xylocapa flavorufa*

Bee *Xylocapa inconstans* 2

##### Ant Lions

*Tomateres citrinus*

*Palpares moestus*

##### Termites

*Macrotermes bellicosus* Queen, King, Winged Male, 2 Soldiers, 1 Worker.

Termite mound - *Cubitermes fungifaber*

##### Diptera

Life cycle of Tsetse Fly *G.morsitans* 3 adults, 3 puparia.

##### Lepidoptera

*Axiocerces harpax*

*Papilio demodocus* 4

*Papilio antheus* 2

*Papilio leonides*

*Acraea semivitrea*

*Acraea zetes*

*Iolaus silas*

*Precis stygia*

*Phasis osbecki*

*Teracolus ione*

*Hypolimnas salmacus*

*Cupido nubifer* 2

*Charaxes lucretius* 2

*Charaxes candiope* 2

*C. pollux*  
*C. saturnus*  
*Spindasis mozambica* 2

Hawkmoth- *Basiothea medea*  
Hawkmoth - *Hippotion eson*

## RAIN FOREST

### EDENTATES

3-toed Sloth *Bradypus tridactylus*.  
6-banded or White-bristled Hairy Armadillo *Euphractus sexcinctus*  
Tamandua or Collared Anteater *Tamandua tetradactyla*

### REPTILES

Snake Skull of a Bird-eating Boa

### HUMMINGBIRDS

*Patagona gigas peruviana* Largest  
Bee Hummingbird *Mellisuga minima* Smallest  
Crimson Topaz *Topaza pella* Male  
Doctor Bird *Trochilus polytmus*  
Sappho's Comet *Sappho sparganura sappho* Female  
Green-tailed Sylph *Lesbia nuna* Male  
White-necked Jacobin *Florisuga mellivora* Male  
Green Hermit *Phaethornis guy* Male  
Sickle-billed Hummingbird *Eutoxeres aquila*  
Saw-billed Hermit *Rhamphodon naevius* Male  
Violet-eared Pufflegs *Eriocnemis luciani*  
Black-eared Fairy *Heliothryx aurita auriculata* Male  
Black-throated Mango *Anthracothorax nigricolis* Male  
Collared Inca *Coeligena torquata* Female  
Collared Inca *Coeligena inca* Male  
Black-hooded Sunbeam *Aglaeactis pamela*  
Fork-tailed Wood Nymph *Thalurania furcata* Male  
Sun Gem *Heliactin cornuta*  
Amethyst Woodstar *Calliphlox amethystina* Female  
Raquet-tailed Coquette *Discosura longicauda* Male  
Dot-eared Coquette *Lophornis gouldii* Male

+ 2 next.

### MOUNTED BIRDS

Sunbittern *E. helias*  
Little Chachalaca *O. motmot*  
Eastern Chachalaca *O. vetula*  
Hoatzin *O. hoazin*  
Striated Heron *B. striatus*  
Scarlet Ibis *E. ruber*  
Great Black Hawk *Buteogallus urubitinga*  
Snail Kite *R. sociabilis*  
Rufous Crab-hawk *B. aequinoctialis*



Nacunda Nighthawk *P.nacunda*  
 Swallow-tailed Hummingbird *E.macroura*  
 Green and Rufous Kingfisher *C.indra*  
 Amazon Kingfisher *C.amazona*  
 Lineated Woodpecker *D.lineatus*  
 Golden-spangled Piculet *P.exilis*  
 Rufous-tailed Jacamar *G.ruficauda*  
 Paradise Jacamar *G.dea*  
 Great Jacamar *J.aurea*  
 White-whiskered Puffbird *M.panamensis*  
 Collared Puffbird *B.capensis*  
 Barred Antshrike *T.doliatus*  
 Bridge's Antshrike *T.bridgesi* Male and female  
 Spotted Antbird *H.naevioides* Male and female  
 White-plumed Antbird *P.albifrons*  
 Dot-winged Antwren *M.quixensis*  
 Ferruginous-backed Antbird *M.ferruginea*  
 Slaty Antwren *M.schisticolor*  
 Guianan Cock of the Rock *Rupicola rupicola* 4 male 1 female  
 Eastern Kingbird *T.tyrannus*  
 Great Kiskadee *P.sulphuratus*  
 Bright-rumped Attila *A.spadiceus*  
 Rufous Mourner *R.holerythra*  
 Bay Wren *T.nigricapillus*  
 Stripe-breasted Wren *T.thoracicia (thoracicus)*  
 Rufous-breasted Wren *T.rutilus*  
 Golden-collared Manakin *M.vitellinus*  
 Blue-backed Manakin *C.pareola*  
 Golden-headed Manakin *P.erythrocephala*  
 Purple Honeycreeper *C.caeruleus*  
 Rufous-thighed Kite *H.diodon*  
 White Hawk *L.albicollis*  
 Laughing Falcon *H.cachinnans*  
 Collared Forest-falcon *M.semitorquatus*  
 Barred Forest Falcon *M.ruficollis*  
 Harpy Eagle *Harpia harpyja*  
 Bicoloured Hawk *Accipiter bicolor*  
 Plumbeous Hawk *I.plumbea*  
 Grey Hawk *B.nitidus*  
 Yellow-headed Caracara *M.chimamchima*  
 Pearl Kite *G.swainsoni*  
 Ornate Hawk Eagle *S.ornatus*  
 Red-throated Caracara *D.americanus*  
 Blue and Yellow Macaw *A.ararauna*  
 Sun Parakeet *A.solstitialis*  
 Guira Cuckoo *G.guira*  
 Squirrel Cuckoo *P.cayana*  
 Guatemalan Quetzal *P.mocinno* Male  
 Slaty-tailed Trogon *T.massena* Female  
 Black-throated Trogon *T.rufus* 2 male  
 Blue-crowned Motmot *M.momota*  
 Black-spotted Barbet *C.niger*  
 Red-billed Toucan *R.tucanus*  
 Channel-billed Toucan *R.vitellinus*  
 Chestnut-eared Aracari *P.castanotis*

Curl-crested Aracari *P.beauharnaesi*  
 Guianan Toucanet *S.culik*  
 Barred Woodcreeper *D.certhia*  
 3-wattled Bellbird *P.tricarunculata*  
 Bearded Bellbird *P.averano*  
 Amazonian Umbrellabird *C.ornatus*  
 Purple-throated Fruit Crow *Q.purpurata*  
 Guianan Red Cotinga *P.carnifex*  
 Pompadour Cotinga *X.punicea*  
 Blue Cotinga *C.nattereri*  
 Swallow-tailed Cotinga *P.flavirostris*  
 Cayenne Jay *C.cayanus*  
 Yellow-rumped Cacique *C.cela*  
 Red-rumped Cacique *C.haemorrhous*  
 Yellow-billed Cacique *C.holosericeus*  
 Green Oropendula *P.viridis*  
 Turquoise Tanager *T.mexicana*  
 Speckled Tanager *T.guttata*  
 Scarlet Tanager *P.olivacea*  
 Yellow-rumped Tanager *R.flammigerus*  
 Blue-crowned Chlorophonia *Chlorophonia occipitalis*

#### MOUNTED MAMMALS

Capybara *H.hydrochaeris*  
 Kikajou *P.flavus*  
 3-toed Sloth *Bradypus sp.*  
 White-lipped Marmoset *S.nigricollis*  
 Squirrel Monkey *Saimiri sciureus*  
 Dourocouli or Night Monkey *Aotus trivirgatus*  
 Red-backed Saki *Chiropotes satanas*  
 Woolly Monkey *L.lagotrica*

#### BUTTERFLIES

5 Heliconiids  
 3 Pierids  
 1 Blue Morpho

#### RAIN FOREST - MIMICRY -BUTTERFLIES

*Pieridae Dismorpha orise*  
*Ithomiidae Dircenna xanthophane*  
*Danaidae Ituna pherarete*  
*Ithomiidae Methone psamathe*  
*Hypsidæ (Moth) Hylesia clio*  
*Pieridae Dismorphia astynome*  
*Ithomiidae Melinea ethyra*  
*Danaidae Lycorea halia*  
*Pieridae Dismorphia praxinoe*  
*Ithomiidae Melinea imitata*

#### BATESIAN MIMICRY

*Heliconiidae Heliconius narcaea*  
*Ithomiidae Mechanitis lysimnia*  
*Nymphalidae Protogonus drurii*



# MULLERIAN MIMICRY

*Ithomiidae* *Hyposcada adelphina*  
*Ithomiidae* *Melinaea messatis*  
*Heliconiidae* *Heliconius ismenius*

## LEPIDOPTERA

*Dione moneta* 3  
*Prepona praeusta*  
*Catagramma hydaspes* 2  
Black Witch *Erebus odorata*  
*Catonephele salacia* 2  
*Terias xanthoclora* 2  
*Anartia amathea* 2  
*Hypna clytemnestra* 2  
*Papilio neophilus*

## Moths

World's Largest Moth *Thysania agrippina*  
Moth *Urania leilus*

## Morpho's

*Morpho achilles* 2 males  
*M. rhetenor* 2 (male & female)  
*M. menelaus* 1 Male  
*M. hecuba* 1 Male

## Owl Butterflies

*Caligo atreus* 2

## Other Butterflies & Moths

*Dismorphia nemesia* 2

*Siostra bifasciata* 2

Moth *Rothschildia erycina*

Moth *Argadesa materna*

*Ardaris eximia*

*Victorina epaphus*

*Callicore clymena*

*Catopsilia sennae* 2

*Historis orion*

*Pyrrope fluminis*

*Catopsilia argante* 2

## Hawk Moths

*Erynnis ello*

*Protoparce rustica*

*Pholus vitis*

## COLEOPTERA

Harlequin Beetle *Acrocinus longimanus*

*Conognatha amaena* 2

*Steirastoma marmorata* 2

*Batus barbicornis*

Bearded Longhorn Beetle *Callipogon barbaratus* 2

*Ctenocelis coeus*

*Callipogon armillatus*

*Macrodonia cervinicornis*

*Golofa porteri*

Elephant Beetle *Megasoma gigas* 1 + 2 larva

<i>Lophonocerus hirticornis</i>	2
<i>Doracerus barbatus</i>	
<i>Plusiotis resplendens</i>	
<i>Phanaeus principalis</i>	2
<i>Unixia laeta</i>	
<i>Hypocephalus armatus</i>	
<i>Brenthus anchorago</i>	2 (male & female)
<i>Lamprocyphus germari</i>	2
Tortoise Beetle <i>Mesomphalia sex-pustulata</i>	
Diamond-back Beetle <i>Entimus imperialis</i>	4
<i>Poroppleura monstosa</i>	2
<i>Amphionycha hemispila</i>	
<i>Chiasognathus granti</i>	3
<i>Euchroma gigantea</i>	3

#### OTHER INSECTS

1 Wasp Nest

Thornhopper Bug *Umbonia spinosa*

Alligator Bug *Fulgora laternaria* 2

#### MOLLUSCA

Tree Snail *Strophocheilus ovatus* 2

*Odontosoma exesus* 2

Freshwater Snail *Pomacea urceus*

*Marisa cornuarietis* 4

Freshwater Mussel *Prisodon rugosissima*

*Streptaxis wagneri*

*Anostoma carinatum*

Tree Snail *Sultana kelleti* 4

gallery numbers

	Evolution	Rain Forest	Savannah	Desert	Arctic	Conifer	Harems	Other	TOTAL
	1	2	3	4	5	6	7	8	9
Skeletal	6	-	2	-	5	-	-	-	13
Mounted Mamm	2	11	14	10	6	12	-	-	55
Mamm Skin	-	-	-	-	4	2	2	-	8
Mounted Birds	1	92	18	7	19	24	-	2	163
Bird Skin	10	17	-	-	2	4	1	-	34
Reptiles	-	1	-	1	-	-	-	1	3
Amphibians	-	-	-	-	-	-	10	-	10
Fish	-	-	-	-	-	-	2	-	2
Mollusca	33	16	4	-	-	-	-	1	54
Arachnids	-	-	-	6	-	-	-	-	6
Lepidoptera	19	69	27	-	27	32	-	-	174
Hymenoptera	-	1	7	-	-	13	-	-	21
Coleoptera	-	41	4	-	-	15	-	-	60
Diptera	-	6	-	1	-	-	-	-	7
Other Insects	-	2	15	-	9	-	-	-	26
									<u>636</u>